ABSTRACT

1   A method for decoding a bitstream of reversible variable
2 length codewords parses the bitstream to extract a next
3 reversible variable length codeword, transcodes each codeword
4 into a pseudo-variable length codeword and decodes pseudo-
5 variable length codeword. The transcoding produces at least
6 some pseudo-variable length codewords suitable for leading
7 zero lookup table decoding in specially adapted hardware. The
8 transcoding may differ for reversible variable length
9 codewords with initial "0" and initial "1". These differing
10 transcodings are decoded with may be decoded with a common
11 lookup table or different sets of lookup tables.